

## AMENDMENTS TO THE CLAIMS

This listing of claims will replace all prior versions, and listings, of claims in the application:

### Listing of Claims:

1. (Currently Amended) A core of magnetic ferrite for use in a passive integrated transponder tag, said core extending substantially the length of said transponder tag and comprising: a coil receiving portion for receiving an antenna coil and an electronics support portion for supporting an electrical connection, wherein said coil receiving portion and said electronics support portion are comprised of magnetic ferrite.
2. (Previously Presented) The core of claim 1, wherein said electronics support portion is adapted to support an integrated circuit.
3. (Original) The core of claim 1, wherein said electronics support portion further comprises a metalization layer formed therein or thereon.
4. (Previously Presented) The core of claim 1, wherein said electronics support portion further comprises one or more metal pads formed therein or thereon.
5. (Currently Amended) The core of claim 1, [further comprising an]wherein said antenna coil is wound about said coil receiving portion and electrically connected to a metalization layer or a metal pad formed on or in said electronics support portion.
6. (Original) The core of claim 5, further comprising an integrated circuit electrically connected to said antenna coil.
7. (Currently Amended) The core of claim 6, wherein said integrated circuit and said antenna coil are each electrically connected to said metalization layer or metal pad.